U.S. DEPARTMET

COMMERCE PATENT AND TRADEMARK OFFICE

**5** THE UNITED STATES TRANSMITTAL LETTE DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE ATTOPYEY'S DOCKET NUMBER



U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

PCT/JP00/06038

6 September 2000

PRIORITY DATE CLAIMED 9 September 1999

TITLE OF INVENTION

## HALFTONE PHASE SHIFT PHOTOMASK, AND HALFTONE PHASE SHIFT PHOTOMASK BLANK FOR THE FABRICATION OF THE SAME

APPLICANT(S) FOR DO/EO/US

## Junji FUJIKAWA et al

| Appli | cant h      | nerewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |  |  |  |  |  |  |  |  |  |
|-------|-------------|---|--|--|--|--|--|--|--|--|--|--|--|
| 1.    | ×           | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |  |  |  |  |  |  |  |  |  |  |  |
| 2.    |             | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |  |  |  |  |  |  |  |  |
| 3.    | X           | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6 (9) and (24) indicated below.   |  |  |  |  |  |  |  |  |  |  |  |
| 4.    |             | The US has been elected by the expiration of 19 months from the priority date (Article 31).   |  |  |  |  |  |  |  |  |  |  |  |
| 5.    | $\boxtimes$ | A copy of the International Application as filed (35 U.S.C. 371 (c) (2))  |  |  |  |  |  |  |  |  |  |  |  |
|       |             | a.   is attached hereto (required only if not communicated by the International Bureau).  |  |  |  |  |  |  |  |  |  |  |  |
|       |             | b. 🖾 has been communicated by the International Bureau.   |  |  |  |  |  |  |  |  |  |  |  |
|       |             | c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |  |  |  |  |  |  |  |  |  |  |
| 6.    | $\boxtimes$ | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |  |  |  |  |  |  |  |  |  |  |  |
|       |             | a. 🛛 is attached hereto.  |  |  |  |  |  |  |  |  |  |  |  |
|       |             | b. $\square$ has been previously submitted under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |  |  |
| 7.    | $\boxtimes$ | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))   |  |  |  |  |  |  |  |  |  |  |  |
|       |             | a. $\square$ are attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |  |  |  |  |  |
|       |             | b. $\square$ have been communicated by the International Bureau.  |  |  |  |  |  |  |  |  |  |  |  |
|       |             | c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.  |  |  |  |  |  |  |  |  |  |  |  |
|       |             | d. 🖾 have not been made and will not be made.   |  |  |  |  |  |  |  |  |  |  |  |
| 8.    |             | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |  |  |  |  |  |  |  |
| 9.    | $\boxtimes$ | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |  |  |  |  |  |  |  |  |  |  |
| 10. ← |             | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).   |  |  |  |  |  |  |  |  |  |  |  |
| 11.   |             | A copy of the International Preliminary Examination Report (PCT/IPEA/409).  |  |  |  |  |  |  |  |  |  |  |  |
| 12.   | X           | A copy of the International Search Report (PCT/ISA/210).  |  |  |  |  |  |  |  |  |  |  |  |
| Ite   | ems 1       | 3 to 20 below concern document(s) or information included:  |  |  |  |  |  |  |  |  |  |  |  |
| 13.   | $\boxtimes$ | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |  |  |  |  |  |  |  |  |  |  |  |
| 14.   | $\boxtimes$ | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |  |  |  |  |  |  |  |  |  |  |
| 15.   | $\boxtimes$ | A FIRST preliminary amendment.  |  |  |  |  |  |  |  |  |  |  |  |
| 16.   |             | A SECOND or SUBSEQUENT preliminary amendment.   |  |  |  |  |  |  |  |  |  |  |  |
| 17.   |             | A substitute specification.   |  |  |  |  |  |  |  |  |  |  |  |
| 18.   |             | A change of power of attorney and/or address letter.  |  |  |  |  |  |  |  |  |  |  |  |
| 19.   |             | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.   |  |  |  |  |  |  |  |  |  |  |  |
| 20.   |             | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |  |  |
| 21.   |             | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |  |  |
| 22.   | <b>×</b>    | Certificate of Mailing by Express Mail  |  |  |  |  |  |  |  |  |  |  |  |
| 23.   | ×           | Other items or information:   |  |  |  |  |  |  |  |  |  |  |  |
|       |             | Inventor Information Sheet (Patent Bibliographical Data) Copy of Form PCT/IB/308 Form PTO-1449 and copies of documents cited thereon with 2nd copy of International Preliminary Examination Report Letter |  |  |  |  |  |  |  |  |  |  |  |

Page 1 of 2

PCTUS1/REV03

| U.S. A  | PPLICATION NO. (IF KNOWN, SEE 37.53R INTERNATIONAL APPLICATION OF PCT/JP00/06038   |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     | ATTORNEY'S DOCKET NUMBER  A-398 |           |         |              |                         |       |             |
|---|--|----------------------------|-----------------|----------------|------------------|----------------|------------------------|-----------------|--------------------|----------------------|--------------------|--------------|---------------------|---------------------------------|-----------|---------|--------------|-------------------------|-------|-------------|
| 24  | -  | The follo                  | wing            | fees           | ares             | cubm           | itted:                 |                 |                    |                      |                    | ,01          | 70,000              |                                 |           |         |              | <del></del>             |       |             |
|   | 24. The following fees are submitted:.  BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)):  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     | C                               | LCULATION | NS      | PTO USE ONLY |                         |       |             |
|   | Neith<br>intern  | er international s         | ation:<br>earch | al pro         | elimii<br>(37 C  | nary           | examina                | ation<br>(2))   | fee (3             | o USPI               | ГО                 | ,            | -                   |                                 | \$1       | 000.00  |              |                         |       |             |
| ×   | and International Search Report not prepared by the EPO or JPO \$1000.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           |         |              |                         |       |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              | 1                   |                                 |           |         |              |                         |       |             |
|   | Intern<br>but al   | ational p                  | relin<br>Iid n  | inar<br>ot sa  | y exa<br>tisfy p | mina<br>provi  | ition fee<br>isions of | (37 c<br>f PC1  | CFR 1<br>Γ Artic   | .482) j<br>cle 33(   | paid to<br>1)-(4)  | US           | PTO                 |                                 | \$        | 690.00  |              |                         |       |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           | _       | <del></del>  |                         |       |             |
| 2   |  |                            | EN              | 1TF            | ER A             | <b>APP</b>     | PROP                   | RIA             | TE                 | BAS                  | IC F               | FEE          | AM                  | OU!                             | NT        | =       |              | \$860.00                |       |             |
| Surch:<br>month                               | arge of<br>is from   | <b>\$130.00</b> the earlie | for fi          | urnis<br>aime  | hing<br>d pric   | the o          | ath or d<br>date (3    | leclar<br>7 CF  | ation 1<br>R 1.49  | later th             | an                 |              | □ 2                 | 0                               |           | 30      | 1            | \$0.00                  |       |             |
| CL  | AIMS   |                            |                 | NU             | JMBF             | ER F           | ILED                   |                 | 1                  | NUMBER EXTRA         |                    |              |                     |                                 | RATE      |         |              |                         |       |             |
| Total   | claims   |                            |                 |                | 42               |                | - 20 =                 |                 |                    |                      | 22                 |              |                     | х                               | \$18      | .00     |              | \$396.00                |       |             |
| Indepe  | Independent claims 2 - 3 =   |                            |                 |                |                  |                |                        |                 |                    |                      | 0                  |              |                     | х                               | \$80      | .00     |              | \$0.00                  |       |             |
| Multip  | ole Dep  | endent C                   | laim            | s (ch          |                  |                |                        |                 |                    |                      |                    |              |                     |                                 | ×         |         |              | \$270.00                |       |             |
|   |  |                            |                 |                |                  |                | TAL                    |                 |                    |                      |                    |              |                     |                                 |           | =       | _            | \$1,526.00              |       | · · · ·     |
| □ A   | Applica<br>educed  | nt claims<br>by 1/2.       | sma             | II ent         | tity st          | atus.          | (See 37                | 7 CFF           | R 1.27             | ). The               | fees in            | ndica        | ted abo             | ve ar                           | e         |         |              | \$0.00                  | l     |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              | SUB'                | ΓΟΊ                             | ΓΑΙ       | , =     |              | \$1,526.00              |       |             |
| Proces<br>month                               | ssing fe<br>s from   | e of \$130<br>the earlie   | ).00 f          | for fu<br>aime | ırnish<br>d pric | ning to        | the Engl<br>date (3    | lish tı<br>7 CF | ranslat<br>R 1.49  | ion late<br>22 (f)). | er thai            | n            | □ 20                | 0                               |           | 30 +    |              | \$0.00                  |       |             |
|   |  |                            |                 |                |                  |                |                        |                 | TO                 | TAI                  | NA                 | TI           | ONAI                |                                 | EE        |         |              | \$1,526.00              | t     |             |
| Fee fo  | r record   | ling the o                 | nclo<br>prop    | sed a          | issign<br>cove   | ımen<br>r she  | t (37 CF<br>et (37 C   | FR 1.:<br>FR 3  | 21(h))<br>5.28, 3. | . The:               | assign<br>check    | men<br>if ap | t must b            | e).                             |           | ×       |              | \$40.00                 |       |             |
|   |  |                            |                 |                |                  |                |                        |                 | TOT                | ΓAL                  | FEE                | SE           | NCL                 | os                              | ED        |         |              | \$1,566.00              |       |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           |         | Am           | ount to be:<br>refunded | \$    |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           |         |              | charged                 | \$    |             |
| a.  | X  | A chec                     | k in            | the a          | mour             | nt of          | \$1                    | 1,566.          | .00                | to co                | over th            | ne ab        | ove fee             | s is e                          | nclos     | ed      |              |                         |       |             |
| b.  |  | Please                     | charg           | ge m           | y Dep            | posit          | Account                | ıt No.          |                    |                      |                    |              | the amo             |                                 |           |         | _            | to cover t              | the a | above fees. |
| c.  |  |                            | mmi             | issior         | ner is           | here           |                        | orize           | d to ch            | narge a              | ny ado             | ditio        | nal fees<br>of this | whic                            | h ma      | y be re | quire        | l, or credit any        | ovei  | rpayment    |
| d.  |  | Fees an                    | e to l          | be ch          | nargeo           | d to a         | credit                 | card.           | WAR                | NING                 | : Info             | rmat         | ion on t            | his fo                          | orm n     | nay bec | ome          | oublic. Credit o        | ard   | l           |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           |         |              | orization on P7         |       | 2038.       |
| NOTE<br>1.137(:                               | : Whe  | ere an ap<br>o)) must      | prop<br>be fil  | riate<br>led a | e time<br>Ind gi | e lim<br>rante | it unde<br>ed to re    | r 37 (<br>store | CFR 1              | 1.494 o<br>pplicat   | or 1.49<br>tion to | 95 ha<br>pen | s not b             | een r<br>atus.                  | met, a    | petiti  | on to<br>}   | revive (37 CFI          | Y     |             |
| SEND  | ALL C  | ORRES                      | PON             | DEN            | ICE T            | ГО:            |                        |                 |                    |                      |                    |              |                     |                                 | 1         | . ^     | H            | 1/2 ),1                 | I k   | T           |
| Jame:<br>802                                  | s H. W   | alters, R                  | eg. N           | lo. 3          | 5,731            | ı              |                        |                 |                    |                      |                    |              |                     | SIG                             | NA<br>NA  | TURE    | 4-1          | Je can                  | 10    | <u> </u>    |
| DELI  | DELLETT AND WALTERS  |                            |                 |                |                  |                |                        |                 |                    |                      | James H. Walters   |              |                     |                                 |           |         |              |                         |       |             |
|   | 310 S.W. Fourth Avenue, Suite 1101   |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           |         |              |                         |       |             |
| Portland, Oregon 97204 US NAME (503) 224-0115 |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 |           |         |              |                         |       |             |
| ' '   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     |                                 | ,731      | -       |              |                         |       |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     | RE                              | GIST      | RATIO   | N NC         | UMBER                   |       |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     | Ap                              | ril 2     | 7, 200  | 1            |                         |       |             |
|   |  |                            |                 |                |                  |                |                        |                 |                    |                      |                    |              |                     | DA                              | TE        |         |              |                         |       |             |

09/830598

Docket No. Y "EXPRESS MAIL" (37 CFR 1.1 CERTIFICATE OF MAILIN Junji FUJIKAWA et al A-398 Applicant(s): **Group Art Unit** Examiner Filing Date Serial No. PCT/JP00/06038 September 6, 2000 Invention: HALFTONE PHASE SHIFT PHOTOMASK, AND HALFTONE PHASE SHIFT PHOTOMASK BLANK FOR THE FABRICATION OF THE SAME I hereby certify that the following correspondence: Entry to National Phase Transmittal (& documents & fees listed as enclosed) (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on James H. Walters (Typed or Printed Name of Person Mailing-Correspondence) Signature of Person Mailing Co. EL719795338US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.